**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-------------|-----|------------------|---------|------------|
| L1 | 413 | ppdu AND mpdu | US-PGPUB; USPAT; USOCR | OR | ON | 2010/12/15 13:39 |
| L2 | 3 | ppdu AND mpdu AND wireless near retransmi$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/12/15 13:39 |
| S1 | 1 | "20050114489".PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/10 09:48 |
| S2 | 1 | payload AND mac AND sub-frames AND (physical near layer) AND (high adj level adj data adj unit) | US-PGPUB; USPAT | OR | OFF | 2005/06/22 09:17 |
| S3 | 66 | payload AND mac AND subframes AND (physical near layer) | US-PGPUB; USPAT | OR | OFF | 2005/06/22 09:17 |
| S4 | 19 | payload AND mac AND subframes AND (physical near layer) AND encapsulat$ AND retransmit$ AND encrypt$ | US-PGPUB; USPAT | OR | OFF | 2005/06/22 09:19 |
| S5 | 20 | (payload packet)AND mac AND subframes AND (physical near2 layer) AND encapsulat$ AND retransmit$ AND encrypt$ | US-PGPUB; USPAT | OR | OFF | 2005/06/22 09:20 |
| S6 | 21 | (payload packet)AND mac AND subframes AND (physical near2 layer) AND encapsulat$ AND retransmit$ AND encrypt$ | US-PGPUB; USPAT | OR | ON | 2005/06/22 09:20 |
| S7 | 3 | (payload packet)AND mac AND subframes AND (physical near2 layer) AND encapsulat$ AND retransmit$ AND encrypt$ AND parity | US-PGPUB; USPAT | OR | ON | 2005/06/22 09:21 |
| S8 | 73 | (payload packet)AND mac AND frames AND (physical near2 layer) AND encapsulat$ AND retransmit$ AND encrypt$ AND parity | US-PGPUB; USPAT | OR | ON | 2005/06/22 09:22 |
| S9 | 7 | (payload packet)AND (mac near2 layer)AND frames AND encapsulat$ AND retransmit$ AND encrypt$ AND parity | US-PGPUB; USPAT | OR | ON | 2005/06/22 09:32 |
| S10 | 722 | (370/469).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 09:53 |

| S11 | 160 | S10 AND (mac near2 layer) | US-PGPUB; USPAT | OR | OFF | 2005/06/22 09:37 |
|-----|-----|---------------------------|-----------------|-----|-----|-------------------|
| S12 | 49 | S10 AND (mac near2 layer) AND encapsulat$ | US-PGPUB; USPAT | OR | OFF | 2005/06/22 09:40 |
| S13 | 1362 | (709/250).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/22 09:41 |
| S14 | 130 | S13 AND (mac near2 layer) | US-PGPUB; USPAT | OR | OFF | 2005/06/22 09:41 |
| S15 | 15 | (US-20040184481-$ or US-20040037319-$ or US-20050122994-$ or US-20040047351-$ or US-20040032880-$ or US-20040008728-$ or US-20030231658-$ or US-20030012201-$ or US-20020118639-$ or US-20020001314-$).did. or (US-6839566-$ or US-6775284-$ or US-6765885-$ or US-6735198-$ or US-6519266-$).did. | US-PGPUB; USPAT | OR | OFF | 2005/06/23 08:35 |
| S16 | 6 | S15 AND encrypt$ | US-PGPUB; USPAT | OR | OFF | 2005/06/22 14:59 |
| S17 | 4 | S15 AND queue | US-PGPUB; USPAT | OR | OFF | 2005/06/22 14:43 |
| S18 | 0 | S15 AND (time adj stamp) | US-PGPUB; USPAT | OR | OFF | 2005/06/22 15:00 |
| S19 | 558 | payload same (time near stamp) | US-PGPUB; USPAT | OR | OFF | 2005/06/22 15:04 |
| S20 | 44 | S10 and (TIME ADJ STAMP) | US-PGPUB; USPAT | OR | OFF | 2005/06/22 15:05 |
| S21 | 15 | (US-20040184481-$ or US-20040037319-$ or US-20050122994-$ or US-20040047351-$ or US-20040032880-$ or US-20040008728-$ or US-20030231658-$ or US-20030012201-$ or US-20020118639-$ or US-20020001314-$).did. or (US-6839566-$ or US-6775284-$ or US-6765885-$ or US-6735198-$ or US-6519266-$).did. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 14:25 |
| S22 | 1 | S21 AND fcs | US-PGPUB; USPAT | OR | OFF | 2005/06/23 08:35 |
| S23 | 353 | frame adj control adj field | US-PGPUB; USPAT | OR | OFF | 2005/06/23 08:37 |

| S24 | 6 | S21 AND encrypt$ | US-PGPUB; USPAT | OR | OFF | 2005/06/23 09:23 |
|-----|---|------------------|-----------------|----|----|-----------------| 
| S25 | 1 | S21 AND (encrypt$ SAME (frame AND header)) | US-PGPUB; USPAT | OR | OFF | 2005/06/23 10:05 |
| S26 | 5 | S21 AND (encrypt$ AND frame AND header) | US-PGPUB; USPAT | OR | OFF | 2005/06/23 10:29 |
| S27 | 12 | ("20030217182" or "20020012320" or "6469992" or "6430192" or "6421725" or "6263445" or "6246770" or "6098179" or "6097703" or "5481535" or "5432848" or "4682324")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/06/23 09:48 |
| S28 | 0 | (wo2000/72495).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/23 09:48 |
| S29 | 0 | wo2000/72495 | US-PGPUB; USPAT | OR | OFF | 2005/06/23 09:48 |
| S30 | 6 | "20020118667" | "5926468" | "5930233" | "5974028" | "6389016" | "6519223").PN. OR ("6765885").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/23 10:05 |
| S31 | 0 | S30 AND encrypt | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/23 10:05 |
| S32 | 718 | (encrypt$ SAME (frame AND header)) | US-PGPUB; USPAT | OR | OFF | 2005/06/23 10:05 |
| S33 | 2 | S21 AND (encrypt$ SAME header) | US-PGPUB; USPAT | OR | OFF | 2005/06/23 10:29 |
| S34 | 1076 | (encrypt$ near2 header) | US-PGPUB; USPAT | OR | OFF | 2005/06/23 10:30 |
| S35 | 288 | (encrypt$ adj header) | US-PGPUB; USPAT | OR | OFF | 2005/06/23 10:30 |
| S36 | 1395 | encapsulate near (payload datagram content packet) | US-PGPUB; USPAT | OR | ON | 2006/02/06 08:39 |
| S37 | 848 | (370/469).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 09:54 |
| S38 | 0 | S37 AND (mac adj layer) AND segment$ AND (divide with encapsulat$ with datagram) | US-PGPUB; USPAT | OR | ON | 2006/02/06 09:54 |

| S39 | 0 | S37 AND (mac adj layer) AND (divide with encapsulat$ with datagram) | US-PGPUB; USPAT | OR | ON | 2006/02/06 09:54 |
| S40 | 0 | S37 AND (divide with encapsulat$ with datagram) | US-PGPUB; USPAT | OR | ON | 2006/02/06 09:55 |
| S41 | 28 | S37 AND ( encapsulat$ with datagram) | US-PGPUB; USPAT | OR | ON | 2006/02/06 09:55 |
| S42 | 6 | S37 AND ( encapsulat$ with datagram) AND mac adj layer | US-PGPUB; USPAT | OR | ON | 2006/02/06 09:55 |
| S43 | 13 | (US-20040184481-$ or US-20040037319-$ or US-20050122994-$ or US-20040047351-$ or US-20040032880-$ or US-20040008728-$ or US-20030231658-$ or US-20030012201-$ or US-20020118639-$ or US-20020001314-$).did. or (US-6839566-$ or US-6775284-$ or US-6765885-$ or US-6735198-$ or US-6519266-$).did. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 09:56 |
| S44 | 15 | (US-20020001314-$ or US-20020118639-$ or US-20030012201-$ or US-20030231658-$ or US-20040008728-$ or US-20040032880-$ or US-20040037319-$ or US-20040047351-$ or US-20040184481-$ or US-20050122994-$).did. or (US-6519266-$ or US-6735198-$ or US-6765885-$ or US-6775284-$ or US-6839566-$).did. | US-PGPUB; USPAT | OR | ON | 2006/02/06 09:57 |
| S45 | 2 | S44 AND encapsulat$ near (content datagram packet data payload) | US-PGPUB; USPAT | OR | ON | 2006/02/06 09:58 |
| S46 | 1 | "20050114489".PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 10:26 |
| S47 | 1 | S46 AND plurality | US-PGPUB; USPAT | OR | ON | 2006/02/06 10:26 |
| S48 | 7531 | forward adj error adj correction | US-PGPUB; USPAT | OR | ON | 2006/02/06 14:56 |
| S49 | 325 | forward adj error adj correction AND osi | US-PGPUB; USPAT | OR | ON | 2006/02/06 14:30 |
| S50 | 1 | greater adj forward adj error adj correction | US-PGPUB; USPAT | OR | ON | 2006/02/06 14:18 |
| S51 | 310 | S48 AND reduce adj errors | US-PGPUB; USPAT | OR | ON | 2006/02/06 14:20 |

| S52 | 13 | (US-20040184481-$ or US-20040037319-$ or US-20050122994-$ or US-20040047351-$ or US-20040032880-$ or US-20040008728-$ or US-20030231658-$ or US-20030012201-$ or US-20020118639-$ or US-20020001314-$).did. or (US-6839566-$ or US-6775284-$ or US-6765885-$ or US-6735198-$ or US-6519266-$).did. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 14:25 |
|---|---|---|---|---|---|---|
| S53 | 1 | S52 AND forward adj error adj correction | US-PGPUB; USPAT | OR | OFF | 2006/02/06 14:27 |
| S54 | 1 | S52 AND (forward adj error adj correction fec) | US-PGPUB; USPAT | OR | OFF | 2006/02/06 14:28 |
| S55 | 7531 | forward adj error adj correction with errors | US-PGPUB; USPAT | OR | ON | 2006/02/06 14:30 |
| S56 | 283 | forward adj error adj correction with errors with reduce | US-PGPUB; USPAT | OR | ON | 2006/02/06 14:47 |
| S57 | 1887 | forward adj error adj correction AND (crc (cyclic adj redundancy adj check)) | US-PGPUB; USPAT | OR | ON | 2006/02/06 14:34 |
| S58 | 0 | forward adj error adj correction with (crc (cyclic adj redundancy adj check)) with recovery | US-PGPUB; USPAT | OR | ON | 2006/02/06 14:35 |
| S59 | 132 | forward adj error adj correction with recovery | US-PGPUB; USPAT | OR | ON | 2006/02/06 14:35 |
| S60 | 1 | "6128763".PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/06 14:47 |
| S61 | 73 | (forward adj error adj correction fec) AND (crc cyclic adj redundancy adj check) AND (arq auomatic adj repeat adj request) AND checksum | US-PGPUB; USPAT | OR | ON | 2006/02/07 10:30 |
| S62 | 43 | S48 AND (without adj retransmission) | US-PGPUB; USPAT | OR | ON | 2006/02/06 15:05 |
| S63 | 73 | (forward adj error adj correction fec) AND (crc cyclic adj redundancy adj check) AND (arq auomatic adj repeat adj request) AND checksum | US-PGPUB; USPAT | OR | ON | 2006/02/07 10:30 |
| S64 | 16 | S63 AND (without near3 retransmission) | US-PGPUB; USPAT | OR | ON | 2006/02/07 11:47 |

| S65 | 73 | (forward adj error adj correction fec) AND (crc cyclic adj redundancy adj check) AND (arq auomatic adj repeat adj request) AND checksum | US-PGPUB; USPAT | OR | ON | 2006/02/07 11:47 |
|-----|------|------|------|------|------|------|
| S66 | 16 | S65 AND (without near3 retransmission) | US-PGPUB; USPAT | OR | ON | 2006/02/07 11:47 |
| S67 | 15 | S66 AND transmission with error | US-PGPUB; USPAT | OR | ON | 2006/02/07 12:04 |
| S68 | 1003 | 714/47.CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/07 12:04 |
| S69 | 904 | 714/48.CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/02/07 12:05 |
| S70 | 0 | "L7ANDL8and(FEC (FORWARDADJERRORADJCORRECTION))".PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/07 12:05 |
| S71 | 0 | S68 AND S69 and (FEC (FORWARDADJERRORADJCORRECTION)) | US-PGPUB; USPAT | OR | ON | 2006/02/07 12:05 |
| S72 | 7 | (S68 S69) and (FEC(FORWARDADJERRORADJCORRECTION)) | US-PGPUB; USPAT | OR | ON | 2006/02/07 12:15 |
| S73 | 8 | (S68 S69) and (FEC(FORWARD ADJ ERROR ADJ CORRECTION)) | US-PGPUB; USPAT | OR | ON | 2006/02/07 12:15 |
| S74 | 0 | ep929712 | US-PGPUB; USPAT; EPO | OR | ON | 2006/02/08 12:31 |
| S75 | 7 | "929712" | US-PGPUB; USPAT; EPO | OR | ON | 2006/02/08 12:32 |
| S76 | 1 | "0929712".PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/08 12:32 |
| S77 | 4 | sequential adj order with sub-block | US-PGPUB; USPAT | OR | ON | 2006/02/08 12:58 |
| S78 | 5127 | sub-blocks | US-PGPUB; USPAT | OR | ON | 2006/02/08 15:55 |
| S79 | 37 | sub-blocks with padding | US-PGPUB; USPAT | OR | ON | 2006/02/08 16:01 |

| S80 | 18 | (US-20020001314-$ or US-20020015423-$ or US-20020118639-$ or US-20030012201-$ or US-20030231658-$ or US-20040008728-$ or US-20040032880-$ or US-20040037319-$ or US-20040047351-$ or US-20040184481-$ or US-20050122994-$).did. or (US-6445717-$ or US-6519266-$ or US-6598229-$ or US-6735198-$ or US-6765885-$ or US-6775284-$ or US-6839566-$).did. | US-PGPUB; USPAT | OR | ON | 2006/02/10 08:15 |
| S81 | 0 | S80 AND padding AND sub-block | US-PGPUB; USPAT | OR | ON | 2006/02/08 15:58 |
| S82 | 608 | queue with payload | US-PGPUB; USPAT | OR | ON | 2006/02/08 16:01 |
| S83 | 30 | queue with payload with encapsulat$ | US-PGPUB; USPAT | OR | ON | 2006/02/08 16:15 |
| S84 | 1 | queue with payload with encapsulat$ AND sub-frame | US-PGPUB; USPAT | OR | ON | 2006/02/08 16:14 |
| S85 | 84 | queue near3 encapsulat$ | US-PGPUB; USPAT | OR | ON | 2006/02/08 16:16 |
| S86 | 84 | queue near3 encapsulat$ and QUEUE | US-PGPUB; USPAT | OR | ON | 2006/02/08 16:16 |
| S87 | 1 | "20030231652".PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/09 09:06 |
| S88 | 19 | (US-20020001314-$ or US-20020015423-$ or US-20020118639-$ or US-20030012201-$ or US-20030231658-$ or US-20040008728-$ or US-20040032880-$ or US-20040037319-$ or US-20040047351-$ or US-20040184481-$ or US-20050122994-$ or US-20050063402-$).did. or (US-6445717-$ or US-6519266-$ or US-6598229-$ or US-6735198-$ or US-6765885-$ or US-6775284-$ or US-6839566-$).did. | US-PGPUB; USPAT | OR | ON | 2006/02/09 09:10 |
| S89 | 1 | S88 AND time near stamp | US-PGPUB; USPAT | OR | ON | 2006/02/09 09:26 |
| S90 | 23 | msid AND queue AND session | US-PGPUB; USPAT | OR | ON | 2006/02/09 09:46 |
| S91 | 474 | ((msid mobile adj station adj identifier) session adj identifier) and queue AND session | US-PGPUB; USPAT | OR | ON | 2006/02/09 09:47 |

| S92 | 28 | ((msid mobile adj station adj identifier) (session adj identifier)) with queue | US-PGPUB; USPAT | OR | ON | 2006/02/09 09:49 |
| S93 | 28 | ((msid mobile adj station adj identifier) (session adj identifier)) with queue with session | US-PGPUB; USPAT | OR | ON | 2006/02/09 10:02 |
| S94 | 0 | "20000616896".PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/09 10:03 |
| S95 | 1 | "1303946".PN. | US-PGPUB; USPAT; EPO | OR | OFF | 2006/02/09 10:03 |
| S96 | 0 | EP1303946 | US-PGPUB; USPAT | OR | ON | 2006/02/09 10:08 |
| S97 | 0 | EP1303946 | US-PGPUB; USPAT; EPO | OR | ON | 2006/02/09 10:04 |
| S98 | 0 | EP1303946 | US-PGPUB; USPAT | OR | ON | 2006/02/09 10:08 |
| S99 | 8 | "1303946".PN. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/09 10:09 |
| S100 | 769 | contention adj free | US-PGPUB; USPAT | OR | ON | 2006/02/09 14:43 |
| S101 | 128 | contention adj free with packet | US-PGPUB; USPAT | OR | ON | 2006/02/09 14:43 |
| S102 | 18 | (US-20020001314-$ or US-20020015423-$ or US-20020118639-$ or US-20030012201-$ or US-20030231658-$ or US-20040008728-$ or US-20040032880-$ or US-20040037319-$ or US-20040047351-$ or US-20040184481-$ or US-20050122994-$).did. or (US-6445717-$ or US-6519266-$ or US-6598229-$ or US-6735198-$ or US-6765885-$ or US-6775284-$ or US-6839566-$).did. | US-PGPUB; USPAT | OR | ON | 2006/02/09 14:45 |
| S103 | 0 | S102 AND contention adj free | US-PGPUB; USPAT | OR | ON | 2006/02/09 14:45 |
| S104 | 3 | S102 AND csma | US-PGPUB; USPAT | OR | ON | 2006/02/09 14:47 |

| S105 | 18 | (US-20020001314-$ or US-20020015423-$ or US-20020118639-$ or US-20030012201-$ or US-20030231658-$ or US-20040008728-$ or US-20040032880-$ or US-20040037319-$ or US-20040047351-$ or US-20040184481-$ or US-20050122994-$).did. or (US-6445717-$ or US-6519266-$ or US-6598229-$ or US-6735198-$ or US-6765885-$ or US-6775284-$ or US-6839566-$).did. | US-PGPUB; USPAT | OR | ON | 2006/02/10 08:15 |
|------|----|------|------|------|------|------|
| S106 | 6 | S105 AND encrypt$ | US-PGPUB; USPAT | OR | ON | 2006/02/10 08:15 |
| S107 | 6 | S105 AND boundar$ | US-PGPUB; USPAT | OR | ON | 2006/02/10 09:52 |
| S108 | 2 | S105 AND boundar$ AND offset | US-PGPUB; USPAT | OR | ON | 2006/02/10 09:52 |
| S109 | 1 | S105 AND boundar$ same offset | US-PGPUB; USPAT | OR | ON | 2006/02/10 10:46 |
| S110 | 1 | S105 AND frame same boundar$ same offset | US-PGPUB; USPAT | OR | ON | 2006/02/10 10:54 |
| S111 | 3 | offset with byte with (frame adj boundar$) | US-PGPUB; USPAT | OR | ON | 2006/02/10 10:54 |
| S112 | 1 | "20030231652".PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/10 11:35 |
| S113 | 1 | S105 AND ((time near stamp) (time-stamp)) | US-PGPUB; USPAT | OR | ON | 2006/02/10 11:35 |
| S114 | 18 | mac adj layer SAME fragmentation SAME retransmission | US-PGPUB; USPAT | OR | ON | 2008/01/09 09:21 |
| S115 | 1 | "20050135419".PN. | US-PGPUB; USPAT | OR | OFF | 2008/07/21 12:19 |
| S116 | 0 | subblock AND mac adj layer AND grouping | US-PGPUB; USPAT | OR | ON | 2008/07/22 10:06 |
| S117 | 13 | aggregation with fragmentation with mac | US-PGPUB; USPAT | OR | OFF | 2008/07/22 10:47 |
| S118 | 918 | boundary near2 demarcat$3 | US-PGPUB; USPAT | OR | ON | 2009/01/30 11:38 |

| S119 | 1 | boundary near2 demarcat$3 same mpdu | US-PGPUB; USPAT | OR | ON | 2009/01/30 11:39 |
|------|-----|----------------------------------------------------------------------|-----------------|-----|-----|------------------|
| S120 | 18 | boundar$3 same mpdu | US-PGPUB; USPAT | OR | ON | 2009/01/30 11:41 |
| S121 | 0 | har same sub-frames | US-PGPUB; USPAT | OR | ON | 2009/02/12 16:25 |
| S122 | 2 | hybrid near3 aloha | US-PGPUB; USPAT | OR | ON | 2009/02/12 16:26 |
| S123 | 1 | "6028933".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/26 10:42 |
| S124 | 1 | "20040010736".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/26 15:50 |
| S125 | 64 | msdu AND mpdu AND encapsulat$3 | US-PGPUB; USPAT | OR | ON | 2009/10/26 16:18 |
| S126 | 20 | msdu same mpdu same encapsulat$3 | US-PGPUB; USPAT | OR | ON | 2009/10/26 16:19 |
| S127 | 1 | "7054329".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/27 15:10 |
| S128 | 1 | "7346026".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/27 15:23 |
| S129 | 1 | "7352770".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/27 15:25 |
| S130 | 233 | contention adj free (contention-free)same mac AND source and destination | US-PGPUB; USPAT | OR | ON | 2009/10/27 15:27 |
| S131 | 1 | "7224704".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/27 15:28 |
| S132 | 24 | contention adj free (contention-free)same mac same source same destination | US-PGPUB; USPAT | OR | ON | 2009/10/27 15:29 |
| S133 | 14 | contention adj free (contention-free)same mac same source same destination AND queu$3 | US-PGPUB; USPAT | OR | ON | 2009/10/27 15:30 |
| S134 | 34 | contention adj free (contention-free)same mac same retransmi$7 | US-PGPUB; USPAT | OR | ON | 2009/10/27 15:34 |

| S135 | 1 | mpdu same subblocks | US-PGPUB; USPAT | OR | ON | 2009/10/28 14:45 |
| S136 | 157 | arq AND (subblocks sub-block) | US-PGPUB; USPAT | OR | ON | 2009/10/28 14:51 |
| S137 | 3 | arq AND (subblocks sub-block) AND mpdu | US-PGPUB; USPAT | OR | ON | 2009/10/28 14:51 |
| S138 | 10 | Selective adj Repeat adj ARQ AND (subblocks sub-blocks) | US-PGPUB; USPAT | OR | ON | 2009/10/28 14:56 |
| S139 | 8 | Selective adj Repeat adj ARQ AND (subblocks sub-blocks) AND length | US-PGPUB; USPAT | OR | ON | 2009/10/28 15:03 |
| S140 | 28 | Selective adj Repeat adj ARQ AND encrypt$3 | US-PGPUB; USPAT | OR | ON | 2009/10/28 15:47 |
| S141 | 9 | Selective adj Repeat adj ARQ AND encrypt$3 AND mpdu | US-PGPUB; USPAT | OR | ON | 2009/10/28 15:47 |
| S142 | 1 | "6055316".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/28 15:50 |
| S143 | 1 | "5928376".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/28 21:55 |
| S144 | 1 | mpdu same (segment$3 divid$3 divis$3 split$4) same (sub-blocks subblock) | US-PGPUB; USPAT | OR | OFF | 2009/10/29 10:34 |
| S145 | 0 | mAC NEAR PDU WITH ARQ WITH SUB-BLOCKS | US-PGPUB; USPAT | OR | OFF | 2009/10/29 10:40 |
| S146 | 0 | mAC NEAR PDU WITH SUB-BLOCKS | US-PGPUB; USPAT | OR | OFF | 2009/10/29 10:40 |
| S147 | 0 | ((mac NEAR pdu) MPDU)WITH SUB-BLOCKS | US-PGPUB; USPAT | OR | OFF | 2009/10/29 10:41 |
| S148 | 3 | mpdu same sub-blocks | US-PGPUB; USPAT | OR | OFF | 2009/10/29 10:41 |
| S149 | 1 | "7020822".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/29 10:47 |
| S150 | 80 | ((mac NEAR pdu) MPDU)WITH padding | US-PGPUB; USPAT | OR | OFF | 2009/10/29 10:52 |

| S151 | 15 | ((mac NEAR pdu) MPDU)same padding same frame AND (ARQ RETRANSMI$6) | US-PGPUB; USPAT | OR | OFF | 2009/10/29 10:52 |
| S152 | 1 | "7020822".PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/29 11:36 |
| S153 | 1 | "20030133450".PN. | US-PGPUB; USPAT | OR | OFF | 2009/12/15 11:03 |
| S154 | 1447 | (709/236).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/23 15:07 |
| S155 | 0 | S154 AND (wireless near retransmission) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:08 |
| S156 | 0 | S154 AND (wireless near retransmi$6) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:08 |
| S157 | 347 | wireless near retransmi$6) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:08 |
| S158 | 0 | wireless near retransmi$6) AND S154 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:08 |
| S159 | 0 | S154 and DIVID$3 NEAR3 MPDU | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:09 |
| S160 | 2 | S154 and MPDU | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:09 |
| S161 | 0 | wireless near3 retransmi$6) AND S154 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:10 |
| S162 | 3836 | (709/230).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/23 15:13 |
| S163 | 7 | S162 AND mpdu | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:13 |
| S164 | 5 | S162 AND mpdu AND retransmi$7 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:13 |
| S165 | 1802 | (370/469).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/09/23 15:19 |
| S166 | 0 | "L15" "L16") and MPDU and RETRANSMI$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:27 |

| S167 | 0 | "I15" and MPDU | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:31 |
|------|---|----------------|------------------------|----|----|------------------|
| S168 | 0 | "L14") and MPDU and RETRANSMI$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:32 |
| S169 | 12 | S165 and MPDU and RETRANSMI$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:32 |
| S170 | 292 | 714/100).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/09/23 15:34 |
| S171 | 0 | S170 and WIRELESS NEAR RETRANSMI$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:34 |
| S172 | 1 | S170 and WIRELESS and MPDU | US-PGPUB; USPAT; USOCR | OR | ON | 2010/09/23 15:34 |
| S180 | 27 | (("6778507" or "6747976" or "6671284" or "6667991" or "6654410" or "6567914" or "6553534" or "6538985" or "6526451" or "6519263" or "6501760" or "6487212" or "6480489" or "6473435" or "6466580" or "6456649" or "6442129" or "6434153" or "6430661" or "6397368" or "6385672" or "6370156" or "6363052" or "6343083" or "6334185" or "6295296" or "6289000").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/11/16 13:58 |
| S181 | 48 | "6006017" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 13:59 |
| S182 | 27 | (("6006017" or "6005894" or "5987011" or "5970062" or "5966412" or "5956338" or "5948060" or "5940438" or "5940399" or "5914959" or "5914932" or "5903614" or "5896561" or "5892769" or "5886993" or "5884040" or "5841873" or "5841778" or "5828677" or "5825807" or "5818826" or "5818821" or "5812599" or "5799033" or "5793307" or "5790541" or "5787071").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/11/16 14:01 |
| S183 | 0 | (S180 and S182) AND wireless near3 retransmi$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:02 |
| S184 | 0 | (S180 and S182) AND wireless | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:02 |

| S185 | 18 | (S180 S182) AND wireless | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:02 |
|------|----|--------------------------|------------------------|----|----|--------------------|
| S186 | 0 | (S180 S182) AND wireless near3 retransmis$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:02 |
| S187 | 5 | (S180 S182) AND wireless AND retransmis$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:02 |
| S188 | 2 | (S180 S182) AND MPDU | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:03 |
| S189 | 27 | ("6279716" or "6278716" or "6278685" or "6259696" or "6252849" or "6243449" or "6243386" or "6222851" or "6216244" or "6215792" or "6202082" or "6192397" or "6188717" or "6182147" or "6169744" or "6151296" or "6130894" or "6130887" or "6125150" or "6108713" or "6092214" or "6076115" or "6052377" or "6044482" or "6041358" or "6044154" or "6041063").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/11/16 14:41 |
| S190 | 8 | S189 and RETRANSMI$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:46 |
| S191 | 0 | S189 and Ppdu | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:46 |
| S192 | 0 | (S180 and S182) AND PPDU | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:47 |
| S193 | 27 | (("5771235" or "5764931" or "5757770" or "5757766" or "5745769" or "5737330" or "5732113" or "5717689" or "5706348" or "5694389" or "5651009" or "6466576" or "5636230" or "5629948" or "5623512" or "5619951" or "5615212" or "5612975" or "5610908" or "5568476" or "5563897" or "5563883" or "5555268" or "5548649" or "5541922" or "5537414" or "5524027")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/11/16 14:49 |
| S194 | 69 | "5515379" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:54 |

| S195 | 27 | ("5515379") or ("5504747") or ("5488632") or ("5483529") or ("5473602") or ("5452322") or ("5452288") or ("5448565") or ("5436905") or ("5426646") or ("5416801") or ("6384777") or ("6343473") or ("5339313") or ("5307376") or ("5280480") or ("5274629") or ("5231634") or ("5228025") or ("5214646") or ("6197061") or ("5157659") or ("5140584") or ("5121396") or ("5105423") or ("5081678") or ("5046069")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/11/16 14:56 |
| S196 | 23 | ("5003539") or ("5001472") or ("4943959") or ("4881241") or ("4819229") or ("4792947") or ("4726018") or ("4720850") or ("4677612") or ("4630261") or ("4581734") or ("4569044") or ("3806885") or ("20040001499") or ("20030006883") or ("20030174664") or ("20030079169") or ("20020191533") or ("20020065047") or ("20020048368") or ("20020042836") or ("20010048692") or ("20010043576")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/11/16 14:58 |
| S197 | 254 | GROW.IN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:59 |
| S198 | 0 | GROW.IN. and "35001" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/16 14:59 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S173 | 8659 | 709/230 | US-PGPUB; USPAT; UPAD | OR | ON | 2010/09/23 15:18 |
| S174 | 7 | S173 AND mpdu AND retransmi$7 | US-PGPUB; USPAT; UPAD | OR | ON | 2010/09/23 15:19 |
| S175 | 1806 | 370/469.CCLS. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/09/23 15:19 |
| S176 | 1806 | 714/48).CCLS. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/09/23 15:25 |
| S177 | 0 | "L15" "L16") and MPDU and RETRANSMI$6 | US-PGPUB; USPAT; UPAD | OR | ON | 2010/09/23 15:27 |
| S178 | 0 | "L15" "L16") and MPDU | US-PGPUB; USPAT; UPAD | OR | ON | 2010/09/23 15:27 |
| S179 | 0 | S176 and WIRELESS NEAR2 RETRANSMI$6 | US-PGPUB; USPAT; UPAD | OR | ON | 2010/09/23 15:33 |

## 12/15/2010 1:42:31 PM

## C:\ Documents and Settings\ cpatel\ My Documents\ EAST\ Workspaces\ 10720742.wsp